Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122895.D
Acq On : 31 Dec 2020 14:21
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/4/2021 11:51:28 AM

Quant Time: Dec 31 15:53:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	180373	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	665199	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	353841	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	649910	20.00	ng	0.00
76) Chrysene-d12	14.015	240	506586	20.00	ng	0.00
86) Perylene-d12	15.486	264	461044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	908926	79.78	ng	0.00
7) Phenol-d6	6.469	99	1163301	76.99	ng	0.00
23) Nitrobenzene-d5	7.398	82	1173235	88.37	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	366626	79.16	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	2042137	78.06	ng	0.00
79) Terphenyl-d14	12.957	244	2387280	82.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	200516	37.44	ng	97
3) Pyridine	3.310	79	520131	36.75	ng	96
4) n-Nitrosodimethylamine	3.275	42	211092	37.19	ng	99
6) Aniline	6.492	93	727925	40.93	ng	95
8) 2-Chlorophenol	6.616	128	492471	39.22	ng	95
9) Benzaldehyde	6.375	77	328402	35.91	ng	98
10) Phenol	6.486	94	597903	38.19	ng	78
11) bis(2-Chloroethyl)ether	6.563	93	471693	39.43	ng	100
12) 1,3-Dichlorobenzene	6.763	146	554313	37.31	ng	98
13) 1,4-Dichlorobenzene	6.839	146	557504	37.21	ng	98
14) 1,2-Dichlorobenzene	6.998	146	501084	34.65	ng	99
15) Benzyl Alcohol	6.975	79	392260	37.70	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	559654	32.81	ng	88
17) 2-Methylphenol	7.086	107	408189	40.89	ng	97
18) Hexachloroethane	7.333	117	200490	37.55	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	323218	37.34	ng	99
20) 3+4-Methylphenols	7.245	107	471742	37.41	ng	95
22) Acetophenone	7.245	105	652076	39.42	ng	96
24) Nitrobenzene	7.416	77	508904	38.53	ng	99
25) Isophorone	7.657	82	939129	41.07	ng	98
26) 2-Nitrophenol	7.733	139	279377	43.37	ng	90
27) 2,4-Dimethylphenol	7.775	122	429295	45.47	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	576654	36.82	ng	99
29) 2,4-Dichlorophenol	7.981	162	433603	39.33	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	465944	37.30	ng	99
31) Naphthalene	8.133	128	1421676	38.73	ng	99
32) Benzoic acid	7.928	122	279876	37.20	ng	98
33) 4-Chloroaniline	8.186	127	613718	39.99	ng	99
34) Hexachlorobutadiene	8.251	225	274868	35.75	ng	99
35) Caprolactam	8.580	113	137437m	41.39	ng	
36) 4-Chloro-3-methylphenol	8.680	107	444499	40.93	ng	99
37) 2-Methylnaphthalene	8.828	142	948461	39.06	ng	99
38) 1-Methylnaphthalene	8.928	142	870181	37.88	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	460446	39.29	ng	100
41) Hexachlorocyclopentadiene	8.980	237	200203	38.63	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	302511	37.37	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	320268	38.28	ng		98
46) 1,1'-Biphenyl	9.292	154	1134853	38.64	ng		99
47) 2-Chloronaphthalene	9.322	162	894759	36.77	ng		99
48) 2-Nitroaniline	9.422	65	262348	36.98	ng		98
49) Acenaphthylene	9.733	152	1357300	37.77	ng		100
50) Dimethylphthalate	9.598	163	1087783	38.49	ng		100
51) 2,6-Dinitrotoluene	9.663	165	246836	41.36	ng		93
52) Acenaphthene	9.910	154	810090	34.84	ng		98
53) 3-Nitroaniline	9.833	138	266068	38.58	ng		94
54) 2,4-Dinitrophenol	9.951	184	123412	42.29	ng	#	88
55) Dibenzofuran	10.080	168	1189978	36.38	ng		99
56) 4-Nitrophenol	10.010	139	199145	40.50	ng		100
57) 2,4-Dinitrotoluene	10.074	165	306789	38.59	ng		96
58) Fluorene	10.422	166	957883	36.82	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	267364	36.37	ng		99
60) Diethylphthalate	10.298	149	1031182	37.52	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	471376	36.80	ng		99
62) 4-Nitroaniline	10.457	138	270968	38.71	ng		96
63) Azobenzene	10.574	77	935120	37.01	ng		98
65) 4,6-Dinitro-2-methylph...	10.486	198	188052	47.45	ng		98
66) n-Nitrosodiphenylamine	10.533	169	876270	38.16	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	322986	36.67	ng		97
68) Hexachlorobenzene	10.980	284	356935	36.66	ng	#	91
69) Atrazine	11.069	200	270958	36.33	ng		98
70) Pentachlorophenol	11.174	266	174889	33.91	ng		99
71) Phenanthrene	11.392	178	1435949	37.18	ng		99
72) Anthracene	11.445	178	1487400	38.83	ng		99
73) Carbazole	11.598	167	1345926	38.75	ng		100
74) Di-n-butylphthalate	11.921	149	1584790	36.31	ng		99
75) Fluoranthene	12.580	202	1520394	37.54	ng		99
77) Benzidine	12.704	184	544599	49.70	ng		99
78) Pyrene	12.815	202	1526339	38.97	ng		99
80) Butylbenzylphthalate	13.427	149	653738	37.06	ng		98
81) Benzo(a)anthracene	14.004	228	1354837	40.02	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	516066	42.56	ng		100
83) Chrysene	14.045	228	1290010	38.29	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	889794	36.83	ng		100
85) Di-n-octyl phthalate	14.604	149	1446096	36.08	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	1148764	37.96	ng		100
88) Benzo(b)fluoranthene	15.062	252	1370386	42.36	ng		99
89) Benzo(k)fluoranthene	15.092	252	1107244	37.44	ng		100
90) Benzo(a)pyrene	15.433	252	1107272	39.13	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	953333	38.49	ng		98
92) Benzo(g,h,i)perylene	17.415	276	952539	39.74	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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